

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  E-2437/04	<b>FOR FURTHER ACTION</b>	
	see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No.  PCT/EP2004/052559	International filing date (day/month/year)  15/10/2004	(Earliest) Priority Date (day/month/year)  17/10/2003
Applicant  DAYCO EUROPE S.R.L. CON UNICO SOCIO		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b.  With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2.  **Certain claims were found unsearchable** (See Box II).

3.  **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

- b.  none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/052559

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16G1/28 B29D29/08 B29C67/24 C08L15/00 C08L27/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16G B29D B29C C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 052 425 A (MITSUBOSHI BELTING LTD) 15 November 2000 (2000-11-15)	1-3, 7
Y	paragraphs '0053!, '0053!, '0063!; figure 2; example C5 -----	4-6
Y	EP 1 157 813 A (DAYCO EUROP SRL) 28 November 2001 (2001-11-28) cited in the application paragraphs '0025! - '0039!; claims 1,2 -----	4-6
P, A	EP 1 396 658 A (CONTITECH ANTRIEBSSYSTEME GMBH) 10 March 2004 (2004-03-10) paragraphs '0019!, '0035!; claim 6 -----	1, 7
A	US 6 352 488 B1 (MORRIS MATTHEW THOMAS ET AL) 5 March 2002 (2002-03-05) paragraph '0032! - paragraph '0038! ----- -/-	1-7

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

### Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

22 February 2005

Date of mailing of the international search report

02/03/2005

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International Application No PCT/EP2004/052559
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 196 249 A (PATRICHY MIHAI D) 1 April 1980 (1980-04-01) column 2, line 15 - line 28 -----	1,7
A	US 5 238 991 A (MAGNUS FREDRICK L ET AL) 24 August 1993 (1993-08-24) claims 1,2 -----	1
A	US 6 153 686 A (MORRIS MATTHEW THOMAS ET AL) 28 November 2000 (2000-11-28) claim 1 -----	1
A	US 3 600 309 A (JONES THOMAS ET AL) 17 August 1971 (1971-08-17) claim 1 -----	1
A	EP 0 711 643 A (GOODYEAR TIRE & RUBBER) 15 May 1996 (1996-05-15) page 3, line 16 -----	1
A	WO 01/75330 A (NAU JOACHIM ; WOLTERS JOERG (DE); GREYDANUS YMTE (DE); MOSES REINHOLD) 11 October 2001 (2001-10-11) page 7, paragraph 2 -----	1
A	US 6 013 218 A (PATITSAS GEORGE PHILEMON ET AL) 11 January 2000 (2000-01-11) column 3, line 35 -----	1
A	WO 00/63580 A (THE GATES CORPORATION; GIBSON, DANIEL, PATTIE; MACKINTOSH, JAMES, GORD) 26 October 2000 (2000-10-26) table 1 -----	1

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2004/052559

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1052425	A	15-11-2000	JP DE DE EP	2001032887 A 60008039 D1 60008039 T2 1052425 A2		06-02-2001 11-03-2004 25-11-2004 15-11-2000
EP 1157813	A	28-11-2001	IT AT BR CA DE DE EP ES JP US	T020000468 A1 235367 T 0102792 A 2348224 A1 60100139 D1 60100139 T2 1157813 A1 2194810 T3 2002039276 A 2002015825 A1		23-11-2001 15-04-2003 02-01-2002 23-11-2001 30-04-2003 08-01-2004 28-11-2001 01-12-2003 06-02-2002 07-02-2002
EP 1396658	A	10-03-2004	EP BR US	1396658 A1 0303470 A 2004048708 A1		10-03-2004 08-09-2004 11-03-2004
US 6352488	B1	05-03-2002	BR CA DE DE EP	0000982 A 2296767 A1 60006174 D1 60006174 T2 1035353 A1		31-10-2000 05-09-2000 04-12-2003 29-07-2004 13-09-2000
US 4196249	A	01-04-1980	US	4195368 A		01-04-1980
US 5238991	A	24-08-1993	NONE			
US 6153686	A	28-11-2000	BR CA CN CZ DE DE DK EP ES HU ID JP PL TW US	9800846 A 2229629 A1 1197087 A 9800770 A3 69814222 D1 69814222 T2 864607 T3 0864607 A1 2197393 T3 9800544 A2 20047 A 10251451 A 325267 A1 591074 B 6460836 B1		28-03-2000 13-09-1998 28-10-1998 16-09-1998 12-06-2003 18-03-2004 01-09-2003 16-09-1998 01-01-2004 28-10-1998 17-09-1998 22-09-1998 14-09-1998 11-06-2004 08-10-2002
US 3600309	A	17-08-1971	GB	1222001 A		10-02-1971
EP 0711643	A	15-05-1996	AT BR CA DE DE EP JP TR US US	234182 T 9504162 A 2138590 A1 69529877 D1 69529877 T2 0711643 A2 8112817 A 960246 A2 6013218 A 5728311 A		15-03-2003 06-08-1996 31-03-1996 17-04-2003 13-11-2003 15-05-1996 07-05-1996 21-06-1996 11-01-2000 17-03-1998

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2004/052559

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0175330	A	11-10-2001	DE WO EP US	10016351 A1 0175330 A1 1272777 A1 2003139242 A1		11-10-2001 11-10-2001 08-01-2003 24-07-2003
US 6013218	A	11-01-2000	US US BR CA DE DE EP JP AT BR CA DE DE EP JP TR BR CA CN EP JP TR	5728311 A 5538218 A 9700682 A 2180797 A1 69714620 D1 69714620 T2 0785056 A2 9234744 A 234182 T 9504162 A 2138590 A1 69529877 D1 69529877 T2 0711643 A2 8112817 A 960246 A2 9504116 A 2135032 A1 1125169 A ,C 0711642 A2 8109285 A 960245 A2		17-03-1998 23-07-1996 01-09-1998 17-07-1997 19-09-2002 03-04-2003 23-07-1997 09-09-1997 15-03-2003 06-08-1996 31-03-1996 17-04-2003 13-11-2003 15-05-1996 07-05-1996 21-06-1996 30-07-1996 29-03-1996 26-06-1996 15-05-1996 30-04-1996 21-06-1996
WO 0063580	A	26-10-2000	GB AT AU AU BR CA CN DE EP JP JP WO US US	2349113 A 277306 T 745210 B2 4482100 A 0006067 A 2335544 A1 1128945 C 60013996 D1 1088177 A1 3547403 B2 2002542078 T 0063580 A1 2002179228 A1 6419775 B1		25-10-2000 15-10-2004 14-03-2002 02-11-2000 20-03-2001 26-10-2000 26-11-2003 28-10-2004 04-04-2001 28-07-2004 10-12-2002 26-10-2000 05-12-2002 16-07-2002